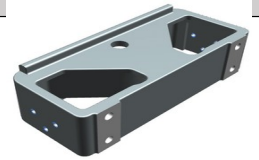
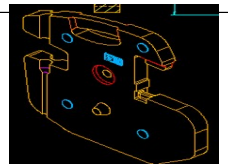
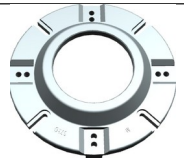
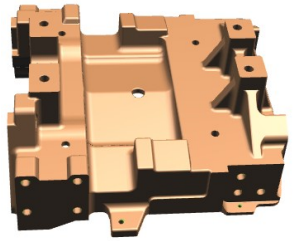
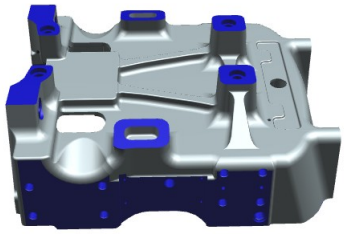
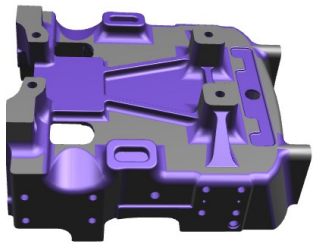
Algeria Localization – Casting commodity

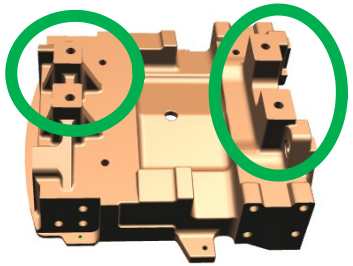
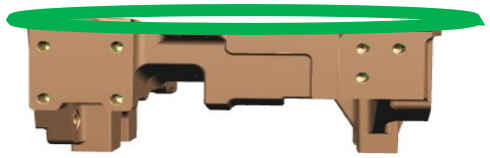
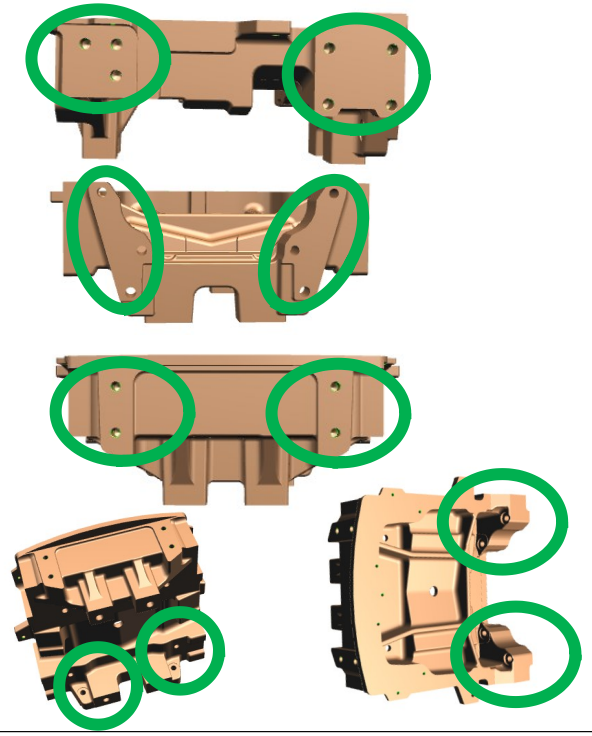
Front & Rear Weight

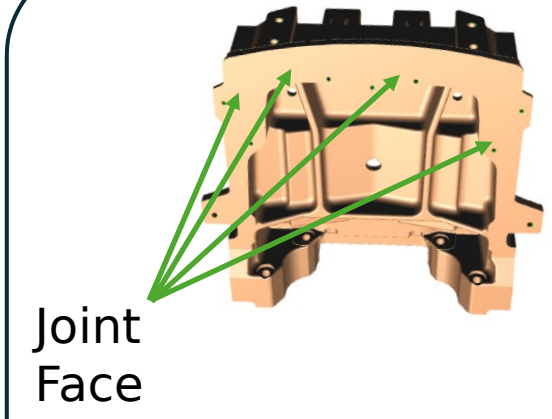
Sr no	Part No	Description	Drg snap	Model Applicability	Material grade as per drg	Qty/Tr	Finish wt (Kg)	Total Wt / Tr (Kg)	L in mm	W in mm	H in mm
1	007600109D1	BRACKET FRONT WEIGHT BALLAST		6075 2WD/4WD/ 9500	FG220	1	22.57	22.57	434	185	159
2	007900001D1	WEIGHT FRONT BALLAST (27KG)		6075 2WD/4WD/	FG200	8	27	216	464	357	39
3	007601599C1	WEIGHT JERRY CAN		8000	FG150	6	17	102	300	280	40
4	007900106D1	WEIGHT FRONT BALLAST (47KG)		8000 / 9500	FG200	6	47	282	523	380	39
5	005558216R1	WEIGHT REAR WHEEL		All	FG150	4	37	148	540	540	57.5

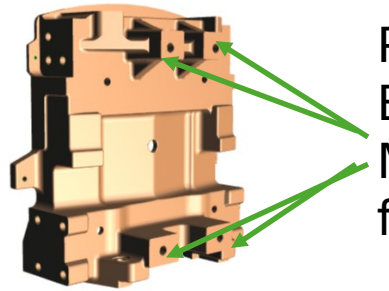
Instead of FG 150; FG 200/220 can be use

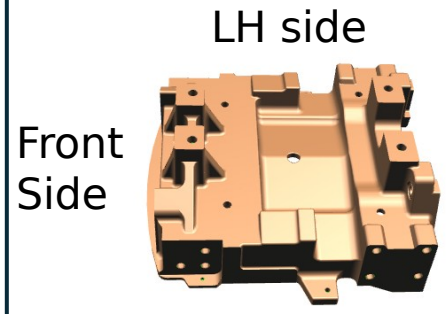
FA Support

Sr no	Part No	Description	Drg snap		Material grade as per drg	L in mm	W in mm	H in mm	Finish wt (Kg)	Machining process route
1	E007603288 C1	SUPPORT FRONT AXLE (8000)			FG260	608	631	254	141.86	HMC + VMC
2	008017301 U01	FRONT SPRT AXLE - TREM IV OS 4WD			SG 500/7	615	526	236.5	96.4	HMC + VMC
3	007611298 C1	FRONT AXLE SUPPORT 2WD P2			SG 500/7	615	526	268.5	94.06	HMC + VMC

Op no	Operation view	Machine	Operation details
10		VMC	Resting on joint face • Pillow block face milling & drilling tapping
20		VMC	Resting on pillow block mtg face • Joint face milling & drill tapping
30		HMC	Resting on pillow block mtg face • LH & RH side face milling + drilling tapping • Crank case side face milling + drilling • Front side face milling + drilling tapping • Crank case mtg face back spot facing (this spot facing operation can be done on radial drilling machine also)

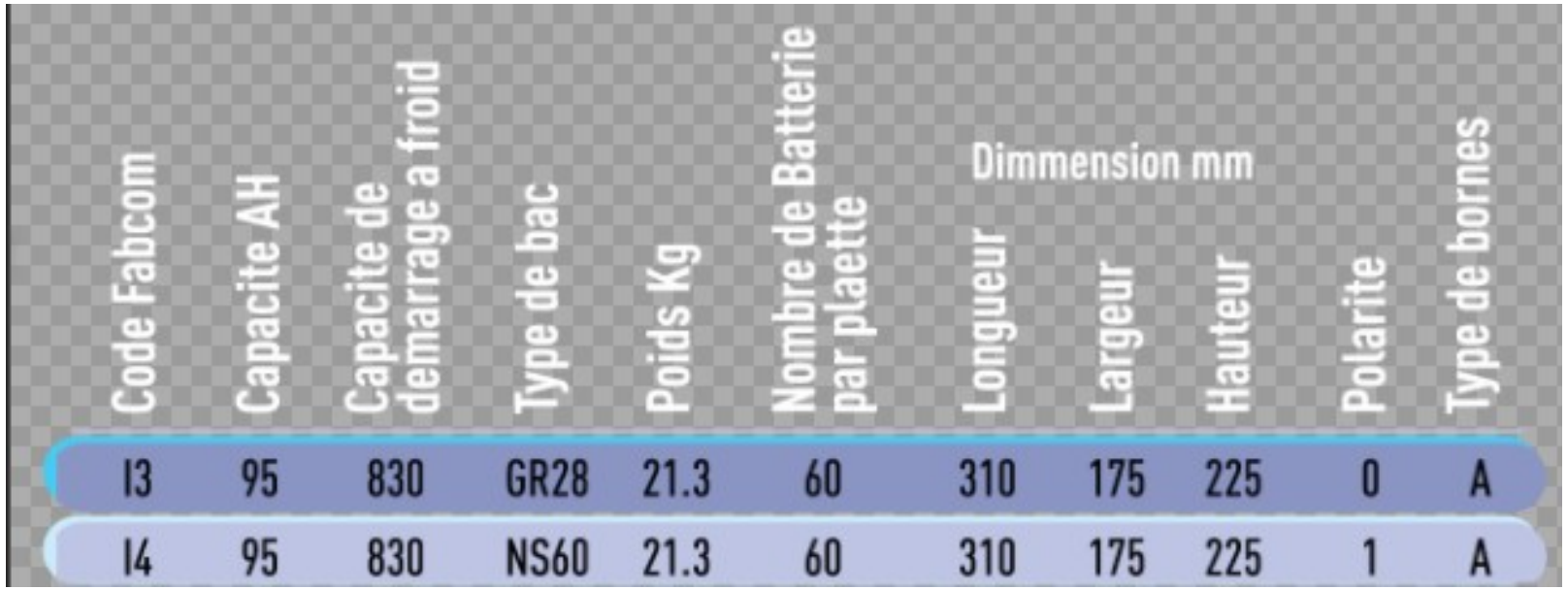






Battery 80 / 100 Ah

S. No.	M&M part no.	Make	Battery Code	C20 Rating (Ah)	Nominal Mass (kg)	Lengthx Width x Height (mm)	Cold Cranking ampere @ -18°C (A)	Model
1	007703291B91	Exide	95D31LMF	80	22.8	304x171x225	622	8000/9200/9500
2	E007703136C91	Exide	MHD1000	100	27.7	396x173x233	580	6075 Novo
	Proposed Battery	Fabcom	Forza primium	95 AH	21.3	310x175x225	830	



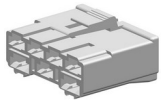
Code Fabcom	Capacite AH	Capacite de demarrage a froid	Type de bac	Poids Kg	Nombre de Batterie par plaette	Dimmension mm			Polarite	Type de bornes
						Longueur	Largeur	Hauteur		
I3	95	830	GR28	21.3	60	310	175	225	0	A
I4	95	830	NS60	21.3	60	310	175	225	1	A

Wiring Harness

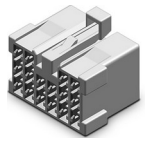
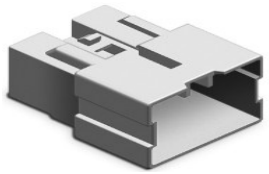
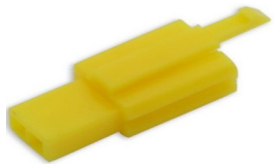
Wiring Harness common for 8000/9200/9500 Model		
Sr. No.	**Part No.**	**Part Description**
1	007715879D91	ENGINE WIRING Harness
2	007709773D91	Central wiring Harness
3	E007701491D91	Platform wiring Harness
4	E007700722C92	Fender Harness LH
5	E007700723C92	Fender Harness RH

Wiring Harness 6075 Novo		
Sr. No.	**Part No.**	**Part Description**
1	007704565U91	Wiring harness Fender RH
2	007705513U91	HARNESS HEADLAMP PIGTAIL
3	007705608C91	Engine harness for Mstar P2 premium
4	007705610C91	Fender LH harness for Mstar P2 Premium
5	007708748U91	HARNESS SCUTTLE

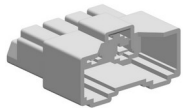
Wiring Harness - Engine

Engine Wiring Harness (007715879D91) - Connectors				
Function	**Make**	**Connector Make**	**Terminal**	**Requirement**
TO W/H CENTRAL 16P & platform Harness Interconnector	BESMAK COMPONENTS PVT.LTD.		16FK090FHCL C-090 16PFNY(BES)	Interconnector **Optional**
TO W/H CENTRAL 7P	BESMAK COMPONENTS PVT.LTD.		7FK 250 / 350 MHCL C-250+305-(5+2)PFNY	Interconnector **Optional**
PARK LAMP LH & RH , Accesary	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-22FN6N C-250 2PFNY(TT)	Mandotory
FLASHER 3P	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-23FN6N C-250 3PFNY(TT)	Mandotory
MAXI FUSE 2P	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-32MAX C-312 2PMNY MAXI FUSE-Y (TT)	any available 40A fuse module can be used.
Head Lamp (LH_RH)	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-1855A(BLACK) C-315 3PFNY(HL)-FLAP-B(TT)	Mandotory
STARTER RELAY 9P	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-RB6 RELAY CONNECTOR TTP-RB6 BK(TT)	Any available Mini relay base can be used.
14 Pole Fuse box	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-14 FB	Any 14 pole fuse box can be used.
Eyelet (Earth/Alternator and Starter motor)	TERMINAL TECHNOLOGIES PVT.LTD.		LA-206/LA205/ LA410	Any available Eyelet Terminal with required size can be used.

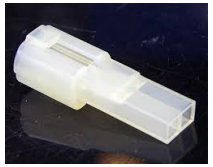
Wiring Harness- Central

Function	Make	Connetor Make	Part Number & Name	Requirement
TO WH CENTRAL 16P & Front Harness	BESMAK COMPONENTS PVT.LTD.		16FK090FHCL C-090 16PFNY(BES)	Interconnector Optional
Instrument Cluster 2	MOLEX (INDIA) PVT LTD.		C-060WP 12PFNY-B (MOLEX) 33472-1201	Required
Instrument Cluster 1	MOLEX (INDIA) PVT LTD.		WP20PFNY -B (MOLEX) 33472-2001	Required
TO SCAVINGING PUMP CONTROLLER	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-08FNY C-090 8PFNY66 ((TT)	Required
I/C TO FRONT WH	BESMAK COMPONENTS PVT.LTD.		16MK 090 FHCL C-090 16PMNY	Interconnector Optional
HOOTER FOR SCAVING PUMP & cluster Buzzer	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-12MN6N C-110 2PLMNY(TT)	required

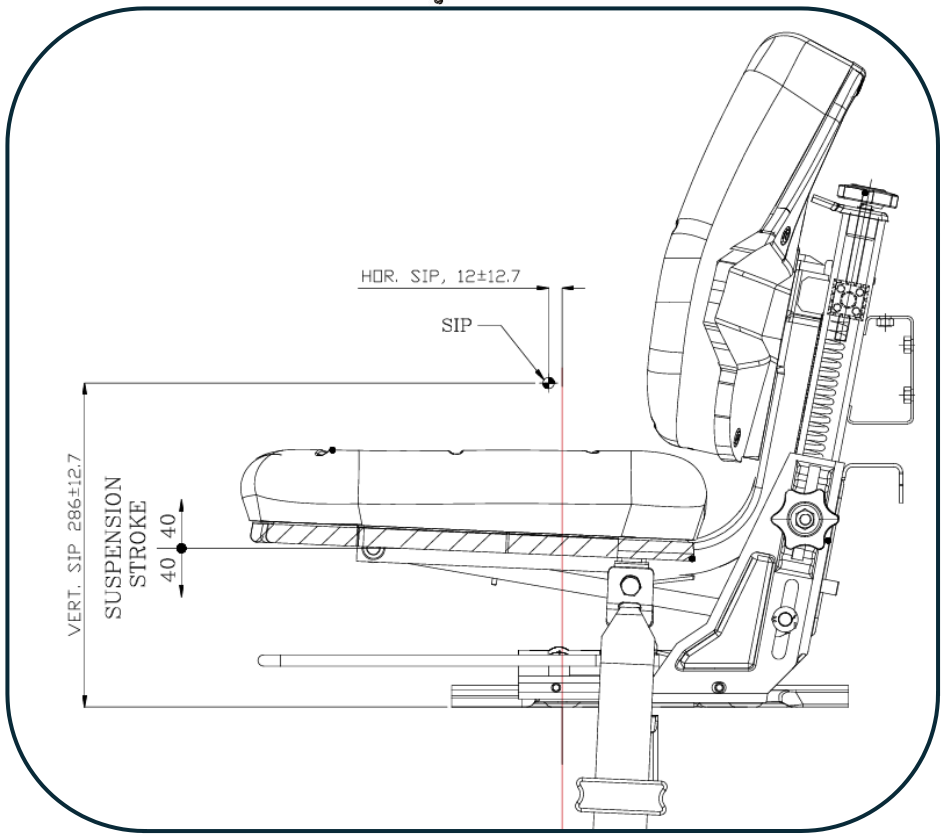
Wiring Harness - Central

Function	Make	Connetor Make	Part Number & Name	Requirement
I/C TO FRONT WH 1P	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-21MN6N C-250 1PMNY(TT)	not used
Horn switch	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-21FN6N C-250 1PFNY(TT)	required
TURN SWITCH & Light switch	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-23FN6BLACK C-250 3PFNY-B (TT)	Required
STARTER SWITCH	Sumitomo		6187-3551 C-250 WP3PFNY(SUMI)	required
LIGHT SWITCH	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-24FN6N	required
BRAKE SWITCH & REAR HARNESS PTO SWITCH	TYCO		521206-1 C-250 4PFNY (RAST-AMP) I	required
TO FRONT WH 7P	BESMAK COMPONENTS PVT.LTD.		7MK 250 / 350 MHCL C-250+305-(5+2)PMNY	Interconnector Optional
HAZARD SWITCH	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-38FN6N C-250 HM8PLFNY(TT)	Required

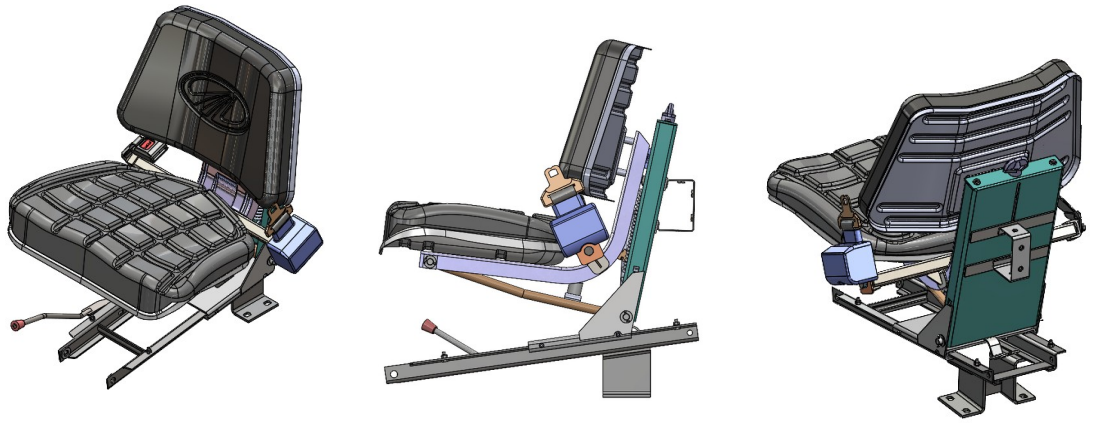
Wiring Harness – Fender Harness

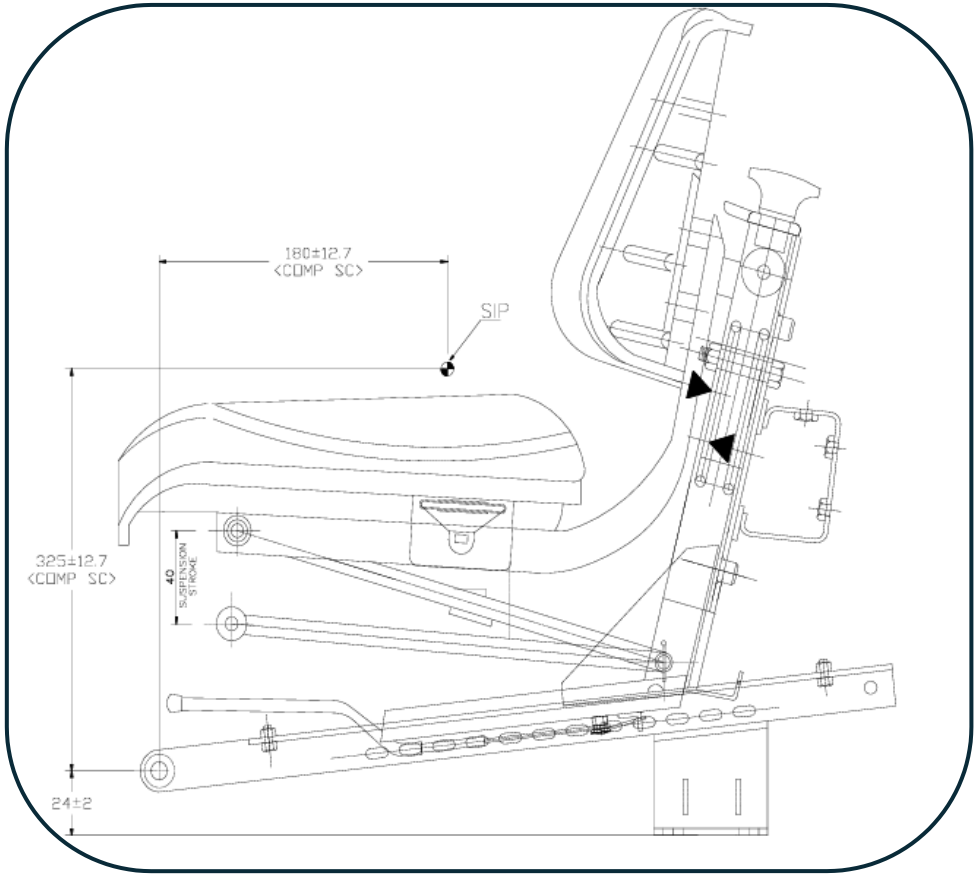
Function	Make	Connector Make	Terminal	Requirement
Platform &Fender Harness	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-06FN & TTP-06MN	Interconnector -optional
7 pole socket	TERMINAL TECHNOLOGIES PVT.LTD.		TTP-26FN6N	check 7 pole socket is used or not .
Neutral switch /Oil pressure switch Front Harness - Alternator / Horn & Clog Indicator	Tyco		TE Connectivity, Positive Lock .250 Mk	any 6.3 positive lock terminal can be used.
Front & rear 3 in 1 Lamp	Sumitomo		SUMITOMO 6180 4181	Required
Plough Lamp	Sumitomo		SUMITOMO 6242 1021	Required

	TRACTOR 60752WD/ 4WD CKD - ALGERIA	
	007544879C91	
Supplier		Polar
Seat Physical Attributes	Base Back	C- Bkt Welding Middle
	Floating Frame	Belt Option - Y /Belt Fitment - Y (Lap)
	Base Back Support	Light Bkt - Y / Support Strip - Y
	Mounting Base	4 Hole Washer Middle +Stopper Welding
	Back Pan	Arm Rest Option - N / Arm Rest Fitment - N
	slinding lever Handel	Towel Rack Handle
Seat Cushion Details	Hardness (±2) Kgf	20
	L (±10) mm	450
	W (±10) mm	410
	Thk (min) mm	45
Back Cushion Details	Hardness (±2) Kgf	15
	L (±10) mm	450
	W (±10) mm	374
	Thk (min) mm	60
SIP	HORIZONTAL/VERTICAL	12±12.7 / 286±12.7
Travel	Vertical	40-40
	Horizontal	65-65
Back Pan Recliner		NO
Weight		23kg+/- 1

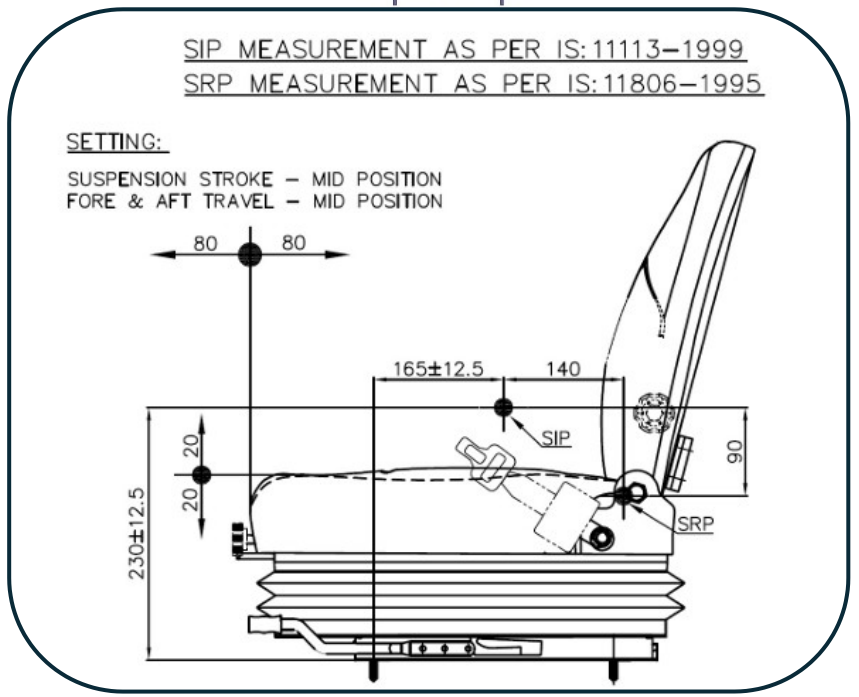


	CKD TRACTOR 8000 4WD - ALGERIA	
	E007605301D1	
Supplier		Polar
Seat Physical Attributes	Base Back	C- Bkt Welding Middle. 2x UNC Thread Bush for sr no plate
	Floating Frame	Belt Option - Y /Belt Fitment - Y (Retractable)
	Base Back Support	No
	Mounting Base	Z-Section slinding lever
	Back Pan	Arm Rest Option - N Arm Rest Fitment - N
	slinding lever Handel	Lever Handle
Seat Cushion Details	Hardness (±2) Kgf	22
	L (±10) mm	500
	W (±10) mm	360
	Thk (min) mm	50
Back Cushion Details	Hardness (±2) Kgf	15
	L (±10) mm	475
	W (±10) mm	295
	Thk (min) mm	35
SIP	HORIZONTAL/VERTICAL	180±12.7 / 325±12.7
Travel	Vertical	20-20
	Horizontal	100-100
Back Pan Recliner		No
Wgight		22 kg +/- 1





	TRACTOR 9500 4WD CKD - ALGERIA	
	007638894D91	
Supplier		Minda
Seat Physical Attributes	Base Back	SMV Bkt- Yes
	Floating Frame	Belt Option - Y Belt Fitment - Y (Retractable)
	Base Back Support	No
	Mounting Base	U section sliding mechanism with ball rollers. Scissor mechanism.
	Back Pan	Arm Rest Option - Y Arm Rest Fitment - N
	slinding lever Handel	Lever Handle
Seat Cushion Details	Hardness (±2) Kgf	20
	L (±10) mm	415
	W (±10) mm	470
	Thk (min) mm	
Back Cushion Details	Hardness (±2) Kgf	15
	L (±10) mm	400
	W (±10) mm	465
	Thk (min) mm	
SIP	HORIZONTAL/VERTICAL	165±12.7 230±12.7
Travel	Vertical	20-20
	Horizontal	80-80
Back Pan Recliner		YES
Weight		



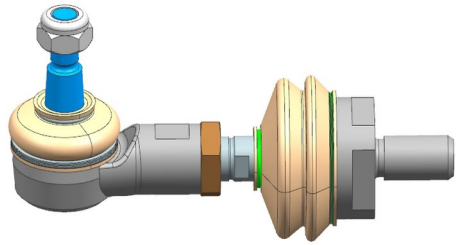
		TRACTOR 60752WD/ 4WD CKD - ALGERIA	CKD TRACTOR 8000 4WD - ALGERIA	TRACTOR 9500 4WD CKD - ALGERIA
		007544879C91	E007605301D1	007638894D91
Supplier		Polar	Polar	Minda
Seat Physical Attributes	Base Back	C- Bkt Welding Middle	C- Bkt Welding Middle. 2x UNC Thread Bush for sr no plate	SMV Bkt- Yes
	Floating Frame	Belt Option - Y /Belt Fitment - Y (Lap)	Belt Option - Y /Belt Fitment - Y (Retractable)	Belt Option - Y Belt Fitment - Y (Retractable)
	Base Back Support	Light Bkt - Y / Support Strip - Y	No	No
	Mounting Base	4 Hole Washer Middle +Stopper Welding	Z-Section slinding lever	U section slinding mechanisam with ball rollers. Scissor mechanism.
	Back Pan	Arm Rest Option - N / Arm Rest Fitment - N	Arm Rest Option - N Arm Rest Fitment - N	Arm Rest Option - Y Arm Rest Fitment - N
	slinding lever Handel	Towel Rack	Lever Handle	Lever Handle
Seat Cushion Details	Hardness (±2) Kgf	20	22	20
	L (±10) mm	450	500	415
	W (±10) mm	410	360	470
	Thk (min) mm	45	50	
Back Cushion Details	Hardness (±2) Kgf	15	15	15
	L (±10) mm	450	475	400
	W (±10) mm	374	295	465
	Thk (min) mm	60	35	
SIP	HORIZONTAL/VERTICAL	12±12.7 / 286±12.7	180±12.7 / 325±12.7	165±12.7 230±12.7
Travel	Vertical	40-40	20-20	20-20
	Horizontal	65-65	100-100	80-80
Back Pan Recliner		NO	No	YES

Technical Comparison – Suction Filters

- Media – Cellulose
- Filteration – 10micron
- Mounting Holes Details – M8X1.25-6H Threads

S.No	Part No	Description	Model	Make	Price	Flow	Dia	Length	DHC
1	007206724B 91	Filter Assy. with Head	8000 & 9500	Donaldson	558	60	108	315	40gm
2	007202697C 91	Filter Assy. with Head	8000 & 9500	Ashra	557	60	108	310	40gm
3	007223920B 91	Filter Assy. with Head	8000 & 9500	FSSL	490	60	108	311	40gm
4	E007205568 D91/ E007206626 D1	Filter Bowl with Filter Element	6075 2WD & 4WD	MAHLE	1268	85	129	320	19gm

Technical Comparison – CTRA



S.No	Part No	Model	Make	Length (mm)	Ball pin Dia	Articulation Angle Axial Ball Joint	Articulation Angle Radial Ball Joint	Axial Ball Joint Pull out Force (Kgf)	Radial Ball Joint Push Out Force (Kgf)	Axial Ball Articulation Torque (Kg-cm)	Radial Ball Articulation Torque (Kg-cm)
1	008010819V92	Yuvotech	QH	172	M16X1.5	54	50	4600	2500	50-300	15-60
2	007201345C92	H2	QH	232-405 (5 Stages)	M16X1.5	50	46	5000	2500	200-600	15-60
3	007610623V92	Dhruv 30-50HP	QH	172-268 (3 Stages)	M16X1.5	54	50	4600	2500	50-300	15-60